



Mississippi

Biobased Fuels, Power, and Products State Fact Sheet

Growing a Cleaner, Stronger Economy in Mississippi

Mississippi has an estimated total installed biomass capacity of 164 MW. The Mississippi Alternative Energy Enterprise (MAEE) is working with several groups statewide to increase the use of landfill gas for energy, as well as farm animal wastes.

Mississippi has a large soybean industry and MAEE is taking steps to use soybean feedstocks to increase its biodiesel production. Mississippi is further expanding the fuel-ethanol conversion process with Mississippi Ethanol, LLC by working on developing a method of using wood waste – instead of the usual corn feedstocks – to produce ethanol.

Currently nineteen distributors of Tennessee Valley Authority (TVA) power offer their customers the choice of participating in a green pricing market program. The program, named Green Power Switch, allows customers to voluntarily pay a premium for renewable energy generated by methane gas resources produced at TVA generating locations. Mississippi also has a state loan program for biomass facilities.

To help further biomass activity in the state, Mississippi's Biomass Council provides information required for future waste-to-energy policy and economic development opportunities through energy development programs. Furthermore, Jackson State University hosts quarterly seminars on specific topics related to resources indigenous to regions of the state.

Biobased Fuels, Power, and Products in Mississippi

Bio-Industry	Sales (\$1,000)	Employees	Capacity	Number of Facilities
Power	N/A	1725	164 MW	12
Fuels	N/A	N/A	N/A	0
Products	N/A	N/A	- -	0

N/A - no information available

- - Comparative capacity data not available among products

Federal R&D Partners

Agricultural Research Service
(Stoneville)

Forest and Wildlife Research Center
(Mississippi State)

Mississippi State University
(Mississippi State)

Biomass Resources

Corn:	400,000 acres planted 50,050,000 bushels produced
Soybeans:	1,160,000 acres planted 36,960,000 bushels produced
Wheat:	250,000 acres planted 11,750,000 bushels produced
Rice:	255,000 acres planted 16,445,000 Cwt produced
CRP:	825,717 acres enrolled
MSW:	4,400,000 tons generated
Forest Land:	18,580,000 acres
Poultry:	772,004,000 head
Livestock:	1,375,000 head



Federally Funded Biomass RD&D in Mississippi

Select a project
title for details

U.S. Department of Agriculture

- Develop Sustainable Integrated Weed Management Systems for Cotton, Soybeans, and Other Crops
- Genetic-Physiological Research to Improve Cotton Production, Fiber Quality, and Competitive Ability
- Soil Microbial Taxonomic and Functional Diversity as Affected by Land Use and Management
- Cloning and Expression of Proteins from Extremophiles for Use in Agricultural Industry
- Research on Kenaf and Other Alternative Crops and Value-Added Products
- Production Ecology and Silviculture of Forested Ecosystems

For additional information on RD&D Projects, please click on the project title.

For additional information on state activities, please contact:

Regional Contact

Traci Leath
U.S. Department of Energy
Atlanta Regional Office
Phone: (404) 562-0570
Fax: (404) 562-0538
traci.leath@ee.doe.gov

State Contact

Wes Miller
Bureau Manager
Mississippi Development
Authority
Energy Division
Phone: (601) 359-6600
Fax: (601) 359-6642
wmiller@mississippi.org